

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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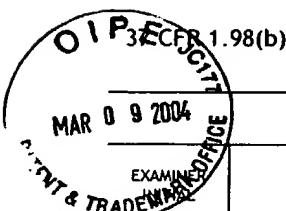
SERIAL NO.  
09/857, 628

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT  
Shigeru UMINO et al.

FILING DATE  
June 7, 2001

GROUP  
1775



**U.S. PATENT DOCUMENTS**

EXAMINER	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
mr	AA 5,683,816	11/97	Goodreau			
	AB					
	AC					
	AD					

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

	DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
mr	AI WO 93 05198	3/93	International			
mr	AJ WO 99 18256	4/99	International			Abstr.
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					
	AQ					

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

AT	
AU	
AV	
AX	
AY	

EXAMINER

*Carroll*

DATE CONSIDERED

*5/18/04*

**EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**